

GEOMETRIC ANALYSIS SEMINAR

Speaker: Nick Edelen
University of Notre Dame

Date: Thursday, September 12, 2019

Time: 11:00 AM

Location: 258 Hurley Hall

Lecture Title:
Bernstein's problem for minimal graphs

Abstract

We will discuss Bernstein's problem on whether a minimal graph in R^n is necessarily a hyperplane. By work of Fleming, De Giorgi, Almgren and Simons this is true when $n \leq 8$, but fails when $n > 8$ by Bombieri-De Giorgi-Giusti.